



Geospatial One-Stop

September 2002

One of the President's 24 E-government initiatives initiated by the Office of Management and Budget (OMB), Geospatial One-Stop addresses some of the key remaining technological and institutional barriers to enable more effective and efficient collection, sharing and use of geospatial data among all levels of government. Geospatial One-Stop will accelerate implementation of essential components of the National Spatial Data Infrastructure (NSDI) in the next 18-24 months.

The Geospatial One-Stop initiative has several parts. First, the geospatial data community (all levels of government and the private sector) will develop national consensus framework data content standards for seven basic framework data layers. Second, Federal agencies will document and post their existing and planned Framework data collection activities; it is hoped that non-Federal governments will also do the same. Third, working with the OpenGIS Consortium (OGC) the geospatial data community will develop interoperability specifications and translation schema that will allow easy finding and integration of geospatial data across the web. Fourth, the geospatial data community will design a portal through which it may access the nation's data assets and geographic data services. The Department of the Interior has been designated the Geospatial One-Stop Managing Partner by OMB.

Board of Directors

"One-Stop" will have substantial involvement of State, local and tribal governments through a Board of Directors. The Board of Directors consists of representatives of the State, local and tribal government community and Federal agencies.

- National States Geographic Information Council
- National Association of Chief Information Officers
- National Association of Counties
- National League of Cities
- International City/County Management Association
- Intertribal GIS Council
- Department of the Interior
- Department of Commerce
- Department of Transportation
- National Aeronautics and Space Administration

Federal Partners

The Department of the Interior will manage "One-Stop" with the following Federal agency partners and contributors:

- Department of the Interior
- Department of Commerce
- Department of Transportation
- National Aeronautics and Space Administration
- US Environmental Protection Agency
- Federal Emergency Management Agency
- Department of Agriculture
- Department of Defense

Next Steps:

Project Management Team: "One-Stop" will have a Project Manager and staff under the direction of the Managing Partner and the Board of Directors composed of State, local, Tribal and Federal agency representatives.

Development of Standards and Models: In compliance with OMB Circular A-119, "One-Stop" will use voluntary consensus standards developed under the auspices of the American National Standards Institute accredited InterNational Committee for Information Technology Standards (INCITS). A call for participation in a standards development process was issued to the geospatial community this summer for the following seven standards teams:

- Digital orthoimagery, DOI - USGS
- Cadastral data (onshore), DOI - BLM
- Geodetic control, DOC - NGS
- Elevation, DOI - USGS
- Hydrography, DOI - USGS
- Transportation (Roads), DOT - BTS
- Government Units, DOC - Census Bureau

Portal Development: A Portal Development Team for Geospatial One-Stop will begin work in early fall to design a One-Stop Portal architecture that can be used by Web browser and application software to provide access to geospatial e-Gov web services. The Team will be convened under the FGDC

Geospatial Applications and Interoperability (GAI) Working Group and will be open to all interested participants. Watch for information on this activity at the GAI website: <http://gai.fgdc.gov>

Get Involved

Geospatial One-Stop can only succeed by building new partnerships and increasing collaboration across government jurisdictional lines and with the private sector. You can help by participating in the standards development process, working with your representatives on the "One-Stop" Board of Directors, joining an existing

geospatial coordinating group in your community like an I-team (or starting one if one does not exist), or asking your State GIS Coordinator how you can help.

Contacts

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Geospatial One-Stop web site:

www.fgdc.gov/geo-one-stop

The Federal Geographic Data Committee

The Office of Management and Budget (OMB) Circular A-16 established the Federal Geographic Data Committee (FGDC). OMB issued a new version of the circular in August 2002 to reflect changes in technology and expanded agency roles and responsibilities for the development of the National Spatial Data Infrastructure (NSDI). The FGDC is an interagency committee composed of representatives from 19 Cabinet level and independent Federal agencies that are responsible for facilitating geographic data coordination and implementing the NSDI. While the FGDC was created in 1990, executive efforts to coordinate spatial data activities within the Federal government have a long history that has evolved from executive orders dating from 1906.

The vision of the NSDI is to assure that spatial data from multiple sources (Federal, State, local, and tribal governments, academia, and the private sector) are widely available and easily integrated to enhance knowledge and understanding of our physical and cultural world. The NSDI facilitates efficient collection, sharing, and dissemination of spatial data among all levels of government institutions, as well as the public and private sectors, to address issues affecting the Nation's physical, economic, and social well-being. A coordinated approach for spatial data standards, technology development, collection, maintenance, distribution, use, and archiving practices improves the quality of Federal spatial data and reduces the cost of derivative products created by Federal and non-Federal users. Applications using spatial data that

adhere to FGDC standards enable cost effective public and private policy development, management, and operations. The FGDC leads and supports the NSDI Strategy, spatial data policy development, management, and operational decision making; aids geographic information system use; directs and facilitates national implementation of the system of Framework Data and other themes in the NSDI; implements the NSDI Clearinghouse; and advises Federal and other spatial data users on their NSDI implementation responsibilities.

Federal Geographic Data Committee Steering Committee

Department of Agriculture
Department of Commerce
Department of Defense
Department of Energy
Department of Health and Human Services
Department of Housing and Urban Development
Department of the Interior (Chair)
Department of Justice
Department of State
Department of Transportation
Environmental Protection Agency
Federal Emergency Management Agency
General Service Administration
Library of Congress
National Archives and Records Administration
National Aeronautics and Space Administration
National Science Foundation
Office of Management and Budget (Vice Chair)
Tennessee Valley Authority

For more information on the FGDC or to receive the

committee's newsletter, please contact us.